



# Hurricane Safety Moment

"To promote safety, protect the environment and conserve resources offshore through vigorous regulatory oversight and enforcement."

# Hurricane Season. It begins

- June 1 to Nov 30
- Houston is ~50 miles to Gulf of Mexico

Category	Wind Speed [mph]	Storm Surge [ft]	Damage
1	74-95	4-5	Minimal
2	96-110	6-8	Moderate
3	111-130	9-12	Major
4	131-155	13-18	Extensive
5	>155	>18	Catastrophic

# Katrina and New Orleans



## KATRINA AT HER WORST

AUG 28, 2005

CATEGORY: 5

WINDS: 175 MPH

GUSTS: TO 215 MPH

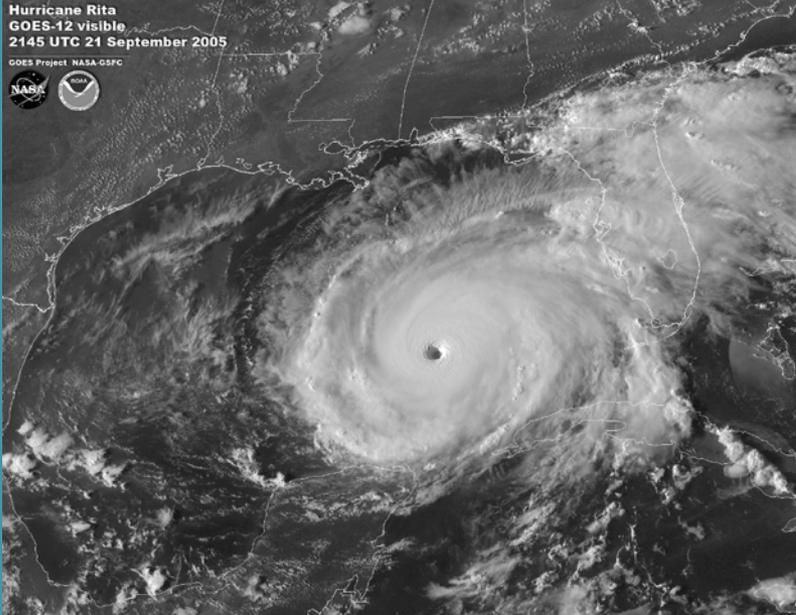
PRESSURE: 902 mb

WAVES: >40 FEET

New Orleans

# Remember, Remember

- ...the 21st of September!
- 2005, Hurricane Rita, reached Category 5
- Houstonians did what we do best:



# You are not Prepared!

- So RUN! ~ Just kidding ~
- Are you in a flood zone?  
<http://www.harriscountyfemt.org/>
- Emergency Kit – enough for 72 hours
- Family plan – know what to do in case of separation, loss of cellular service etc.
- Assign a “Safe Room”

# In the Eye of the Storm!

- Listen for the news via radio/TV
- <http://www.hcoem.org/>
- Evacuate if instructed
- Know when it is better to stay put in a well constructed, secure structure
- Turn off utilities if instructed
- Keep a freshwater supply
- Keep food safe

# References

- <http://www.uscg.mil/history/katrina/img/katrinaphoto1sm.jpg>
- <http://www.golfbytourmiss.com/2014/04/hurricane-katrina-nine-years-on-destruction-still-evident/>
- <http://goes.gsfc.nasa.gov/text/goes12results.html>
- <http://blogs.houstonpress.com/news/2010/09/hurricane-rita-five-years.php>
- <http://www.ready.gov/hurricanes>

BSEE Website: [www.bsee.gov](http://www.bsee.gov)



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Bureau of Safety and  
Environmental Enforcement

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